Index of Claims

| Application/Control No. | Appl | ication | /Control | No. |
|-------------------------|------|---------|----------|-----|
|-------------------------|------|---------|----------|-----|

T. M. Argenbright

10/531,731

Examiner

Applicant(s)/Patent under Reexamination

TOURTEAUX ET AL.

Art Unit

3747

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected N Interference

**Appeal** Α 0 Objected

| Cla           | aim      |         |                 |          | D        | ate   |  |          |              | ]        | Cla      | im        |          | <u> </u>        | Dε            | ate           |                 |  | ]  | Cl       | aim        |                 |          | _                 | Dat                | е                       |                    | _        |          |
|---------------|----------|---------|-----------------|----------|----------|---|--|----------|--------------|----------|----------|-----------|----------|-----------------|---------------|---------------|-----------------|--|--|----------|------------|-----------------|----------|-------------------|--------------------|-------------------------|--------------------|----------|----------|
| _             | <u> </u> | _       |                 |          |          |   |  |          |              |          |          | <u></u>   |          |                 |               |               |                 |  |  | _        | ब          |                 |          |                   |                    |                         |                    |          |          |
| Final         | Original | 3/14/07 |                 |          |          |   |  |          |              |          | Final    | Original  |          |                 | İ             |               |                 | -  |  | Final    | Original   |                 |          |                   |                    |                         |                    |          |          |
| "             | ō        | 'n      |                 |          |          |   |  |          |              |          | ╽╙╴      | ŏ         |          |                 |               |               |                 | 1  |  | ட        | ŏ          |                 |          |                   |                    |                         |                    |          |          |
| <u> </u>      | 1        | =       | Н               | -        | -+       | $\dashv$  | +  | +        | +            | -        |          | 51        | +        | $\vdash$        | -             |               |                 | +-   | -  |          | 101        | -               |          | +                 | +                  | Н                       | $\vdash$           | +        | $\dashv$ |
| <u> </u>      | 2        | Ŧ       | H               | ┪        | $\dashv$ | $\dashv$  | +  | +        | +            | 1        |          | 52        |          | $\vdash$        |               | +             | $\vdash$        | +  | 1  |          | 102        | -               | +        | +                 | ╁                  | H                       | $\vdash$           | $\dashv$ | ᅱ        |
| $\vdash \neg$ | -        | -       | H               | 7        | _        | $\top$  | +  | $\dashv$ | +            | ١        | _        | 53        | $\dashv$ | H               | -             | +             | $\vdash$        | +  | 1  |          | 103        | $\neg \uparrow$ | +        | +                 | +                  | Н                       | $\dashv$           | +        | ᅥ        |
|               | 4        | =       | H               | 7        | _        | T   | ╅  | $\top$   | +            | 7        |          | 54        |          | $\Box$          |               | 1-            | $\vdash$        | $\top$   | 1  |          | 104        |                 | T        | +                 | T                  |                         | 一                  | $\top$   | ┪        |
|               | 5        | =       | П               | 寸        | 寸        |   | 十  |          |              | 1        |          | 55        |          | $\Box$          |               |               |                 |  | 1  |          | 105        |                 |          | ✝                 |                    | П                       |                    | ヿ        | ヿ        |
|               | 6        | ı       |                 |          |          |   | $\top$   |          |              | 1        |          | 56        |          |                 |               |               |                 |  | ]I   |          | 106        |                 |          | Τ                 |                    | П                       | $\Box$             | $\top$   | ٦        |
|               | 7        | "       |                 |          |          |   |  |          |              |          |          | 57        |          |                 |               |               |                 |  |  |          | 107        |                 |          | $oxed{T}$         |                    |                         |                    | $\Box$   |          |
| <u> </u>      | 8        | =       |                 |          | $\perp$  |   |  |          |              |          |          | 58        |          |                 |               |               |                 |  |  |          | 108        |                 |          | $\perp$           |                    |                         |                    | $\Box$   |          |
|               | 9        | =       | $\perp$         | _        | $\perp$  | _   | $\perp$  | _        |              |          |          | 59        |          | $\sqcup$        | _             |               | Ш.              |  |  |          | 109        | _               |          | 1                 | $\perp$            | Щ                       | $\perp \downarrow$ | _        | _        |
| <u> </u>      | 10       | =       |                 | $\dashv$ | $\perp$  | 4   | $\perp$  | $\perp$  | $\perp$      | _        |          | 60        | $\perp$  |                 |               | _             |                 | _  | J  |          | 110        |                 |          | 4_                | _                  |                         | Ш                  | $\perp$  | _        |
|               | 11       | =       | $\sqcup$        | 4        | _        | $\bot$  | $\bot$   | $\bot$   | +            | 4        | $\vdash$ | 61        | +        | $\vdash$        | +             | +             | $\vdash$        | +  |  |          | 111        | $\dashv$        | _        | +                 | $oldsymbol{\perp}$ | $\sqcup$                | $\dashv$           | $\dashv$ | $\dashv$ |
| <u> </u>      | 12       | =       | $\dashv$        | 4        | $\dashv$ |   | +  |          |              | 4        | <b>-</b> | 62        |          | $\vdash$        | _             | +             | $\vdash$        | +  | -  |          | 112        | $\vdash$        | +        | +                 | +                  | $\mid \rightarrow \mid$ | $\dashv$           | +        | $\dashv$ |
|               | 13       | ===     | $\vdash \vdash$ | -        | $\dashv$ | +   | +  | +        | +            | -        |          | 63<br>64  | +        | $\vdash$        |               | +             |                 | +-   | -  |          | 113        | $\vdash$        | +        | +                 | +                  | $\vdash$                | $\dashv$           | +        | $\dashv$ |
| <del> </del>  | 14<br>15 | =       | $\dashv$        | -        |          | +   | +  | -+       |              | -        |          | 65        |          | $\vdash$        |               | +-            | $\vdash$        | +  | -  |          | 114<br>115 | $\dashv$        | +        | +-                | +-                 | ├┤                      | $\dashv$           | +        | $\dashv$ |
|               | 16       | =       | $\vdash$        | +        | -+       | +   | +  |          | +-           | -        |          | 66        |          | $\vdash$        | +             | +             | $\vdash$        | +  | 1  |          | 116        | $\vdash$        | +        | ╁                 | ╁                  | $\vdash$                | $\vdash$           | +        | $\dashv$ |
| <del> </del>  | 17       | =       | $\vdash$        | +        | $\dashv$ | +   | +  | +        | -            | 1        | $\vdash$ | 67        | - -      | $\vdash$        | +             | +             | $\vdash$        | +  | 1  |          | 117        | -+              | +        | +                 | ╁                  | Н                       | $\dashv$           | +        | $\dashv$ |
|               | 48-      | Ē       | $\vdash \vdash$ | +        | $\dashv$ | +   | ╅  | +        | +            | 1        |          | 68        | $\dashv$ | H               | $\dashv$      | +             | $\vdash$        | +-   | 1  |          | 118        |                 | +        | ╁                 | +                  | $\vdash$                | $\dashv$           | +        | $\dashv$ |
|               | 10       |         | $\dashv$        | 寸        | $\dashv$ | $\top$  | $\top$   | +        | +            | 1        |          | 69        | +-       | +               | $\dashv$      | +-            |                 | +  | 1  |          | 119        | $\vdash$        | +        | +                 | +                  | Н                       | o                  | -+       | ᅱ        |
|               | 20       | =       | Ħ               | _        | 十        | $\dashv$  | +  | +        | +            | 1        |          | 70        |          | $\vdash$        | $\dashv$      | +             |                 | +  | 1  |          | 120        |                 | $\top$   | +                 | +                  |                         | $\neg \uparrow$    | $\dashv$ | ⊣        |
|               | 21       | =       | $\Box$          |          | ╅        | $\dashv$  | $\top$   | $\top$   | 1            |          |          | 71        |          |                 |               | $\top$        |                 | $\top$   | 11   |          | 121        |                 | $\dashv$ | $\top$            |                    |                         | $\Box$             | 十        | ᅱ        |
|               | 22       | =       | Ħ               | ヿ        | $\neg$   | $\top$  | ✝  | ╅        |              | 1        |          | 72        |          | $\Box$          | $\neg \vdash$ |               | _               | $\top$   | 11   |          | 122        | $\Box$          | $\neg$   | $\top$            | T                  | П                       | 一                  | 十        | ヿ        |
| -             | 23       |         |                 | T        | $\neg$   | T   | $\top$   | T        |              | 1        |          | 73        |          |                 |               |               |                 |  | 1  |          | 123        |                 | T        | 1                 |                    |                         |                    | $\neg$   | $\neg$   |
|               | 24       |         |                 |          | $\Box$   |   | ┪  |          |              | 1        |          | 74        |          | П               |               |               |                 |  | 1  |          | 124        |                 |          | T                 | 1                  |                         |                    | $\top$   | ٦        |
|               | 25       |         |                 |          |          |   | $\Box$   |          |              |          |          | 75        |          |                 |               |               |                 |  |  |          | 125        |                 |          | $\prod_{i=1}^{n}$ |                    |                         |                    | $\Box$   | $\Box$   |
|               | 26       |         |                 | _        | _        | $\perp$   |  | _        |              | _        |          | 76        |          | Ш               |               |               | $\sqcup$        | $\perp$  |  |          | 126        |                 |          | $\perp$           | 1_                 |                         | $\Box$             | $\perp$  |          |
|               | 27       |         | _               | _        | 4        | 4   | 4  | ┵        |              | _        |          | 77        |          | $\sqcup$        |               |               |                 |  | J  |          | 127        | Щ.              |          | $\perp$           | ↓_                 | Щ                       | $\sqcup$           | $\dashv$ | _        |
|               | 28       |         |                 | _        | 4        | _   |  | $\perp$  | $\perp$      | _        |          | 78        | _        | Ш               |               |               | 1               | - -  | 4  |          | 128        | _               | _        | _                 | ļ                  |                         | $\sqcup$           | _        | ᆜ        |
|               | 29       | _       | $\sqcup$        | -        | 4        | 4   | 4  | 4        | _            | _        |          | 79        | _        | Ш               |               |               |                 | $\perp$  |  |          | 129        | _               |          | $\perp$           | _                  | $  \_  $                | $\perp$            | _        | 4        |
|               | 30       |         | $\dashv$        |          | 4        |   |  | -        | - -          | -        |          | 80        | -        | $\vdash$        |               | -             | $\vdash$        |  | 4  |          | 130        | _               | +        | $\bot$            | ┼                  | $\vdash$                | $\dashv$           | +        | 4        |
|               | 31<br>32 |         | $\vdash \vdash$ | +        | +        |   | +  | +        |              | -        |          | 81        | +        | $\vdash \vdash$ | +             | +             | $\vdash \vdash$ | +  | -  |          | 131        | -               | +        | +                 | +                  | $\vdash$                | $\dashv$           | +        | $\dashv$ |
| $\vdash$      | 33       |         | $\vdash$        | $\dashv$ | +        | +   | +  | +        | +            | 1        |          | 82<br>83  | $\dashv$ | ┼┤              | +             | +             | $\vdash \vdash$ | +-   | -  |          | 132<br>133 | $\dashv$        | +        | +                 | +                  | $\vdash$                | -+                 | +        | $\dashv$ |
| <del> </del>  | 34       | _       | -               | $\dashv$ | +        | +   | +  | +-       | +-           | 1        |          | 84        | +        | $\vdash$        | +             | +             | $\vdash \vdash$ | +  | -  |          | 134        | +               | +        | +                 | +                  | $\vdash$                | $\dashv$           | +        | $\dashv$ |
| <u> </u>      | 35       |         | $\dashv$        | $\dashv$ | +        | +   | +  | +-       | +            | 1        |          | 85        | +        | $\vdash$        | +             | +             | $\vdash$        | +  | 1  |          | 135        |                 | $\dashv$ | +                 | +-                 | $\vdash \vdash$         | $\dashv$           | +        | $\dashv$ |
| <u> </u>      | 36       | Т       | $\dashv$        | +        | $\dashv$ | $\dashv$  | +  | +        | +            | 1        |          | 86        | +        | $\vdash$        | $\dashv$      | +             |                 | +  | 1}   |          | 136        | +               | +        | +                 | +                  | H                       | $\dashv$           | +        | $\dashv$ |
|               | 37       |         | $\dashv$        | T        | 十        | 十   | 十  | $\top$   | +            | 1        |          | 87        | _ _      | $\Box$          | $\top$        | $\top$        |                 | $\top$   | 1  |          | 137        | $\neg$          | $\vdash$ | +                 | +                  | $\vdash \vdash$         | $\dashv$           | $\dashv$ | $\dashv$ |
|               | 38       |         | $\Box$          | ヿ        | $\dashv$ | 十   | 一  | _        | T            | 1        |          | 88        | -1-      | П               | $\top$        | $\top$        |                 | †-   | 1  |          | 138        |                 | $\top$   | †                 | $\top$             |                         |                    | $\dashv$ | $\dashv$ |
|               | 39       |         |                 | ╛        |          |   |  |          | Ι            | ]        |          | 89        |          |                 |               |               |                 | $\top$   | ]  |          | 139        |                 |          | $\top$            | $\top$             |                         | $\top$             | 丁        | ٦        |
|               | 40       |         |                 | $\Box$   |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $oldsymbol{\mathbb{I}}$  | I        | $\mathbf{I}$ |          |          | 90        |          |                 |               |               |                 | $oldsymbol{ol}oldsymbol{ol}oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}}$ |  |          | 140        |                 |          | $\mathbf{I}$      | L                  |                         |                    | 丁        | $\Box$   |
|               | 41       |         |                 |          |          |   | $\perp$  |          |              |          |          | 91        |          |                 |               |               |                 |  |  |          | 141        |                 |          |                   |                    |                         |                    |          |          |
|               | 42       |         | $\Box$          | $\perp$  |          |   | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ |          | Ţ            |          |          | 92        |          | П               |               | Ш             |                 |  | ] [  |          | 142        | $\Box$          |          | I                 | $oxed{\Box}$       | Ш                       | $oldsymbol{\bot}$  | $\Box$   | $\Box$   |
|               | 43       |         | $\Box$          | $\perp$  | _        | _   | ┸  | $\perp$  | $\perp$      | <u> </u> |          | 93        |          | Щ               |               | $\perp$       |                 | $oldsymbol{\perp}$   | ] [  |          | 143        | Ţ               |          |                   | $\perp$            | Ш                       | $\bot$             | $\bot$   | _]       |
| <u> </u>      | 44       |         | _               | 4        | 4        | 4   | $\bot$   | 4        | 4            | 4        |          | 94        |          | $\sqcup$        |               | $\perp \perp$ |                 | $\perp$  | <u>                                     </u> |          | 144        | $\perp$         | _        | 1                 | $\perp$            | Ш                       | $\dashv$           |          | ┙        |
| <u> </u>      | 45       |         | _               | 4        | _        | 4   | $\bot$   | $\bot$   | 4            | 4        |          | 95        |          | $\sqcup$        |               | -             | $\vdash \vdash$ | _  | 4  |          | 145        | _               | _        | 4_                | $\perp$            | Щ                       | $\dashv$           | _        | _        |
|               | 46       |         |                 | +        |          | +   | +  | +        | +            | -        |          | 96        |          | $\sqcup$        | -             | +             | $\vdash$        | +-   | 4  |          | 146        | 4               | -        | +-                | ┼                  | ⊢∤                      | -                  | -        | 4        |
| $\vdash$      | 47       | _       |                 | +        | +        |   | +  | 4        | +            | -        |          | 97        |          | $\vdash \vdash$ | +             | 4-4           | $\vdash$        | 4-   |  |          | 147        | +               | +        | +                 | +-                 | $\vdash \dashv$         |                    | 4        | 4        |
|               | 48<br>49 | _       |                 | +        | -+       | +   | +  | +        | +            | -        |          | 98        |          | $\vdash \vdash$ | +             | 4-1           | $\vdash$        | +-   | ╢╟   |          | 148        | $\dashv$        | +        | +                 | +                  | $\vdash$                | $\dashv$           | +        |          |
|               | 50       | -       | $\dashv$        | $\dashv$ | +        | -   | +-   | +        | +-           | -        |          | 99<br>100 | +-       | $\vdash \vdash$ | +             | +             | $\vdash$        | +-   | ╢  | $\dashv$ | 149        | +               | +        | +                 | +-                 | $\vdash$                | +                  | +        | $\dashv$ |
| ليسيا         | 50       |         |                 |          |          |   | _1_  |          |              | ]:::::   |          | 100       |          | ш               | L_            |               |                 | Ш.,.   | إننندر                                       |          | 150        | L               | 丄        | <u> </u>          |                    | Ш                       |                    |          |          |